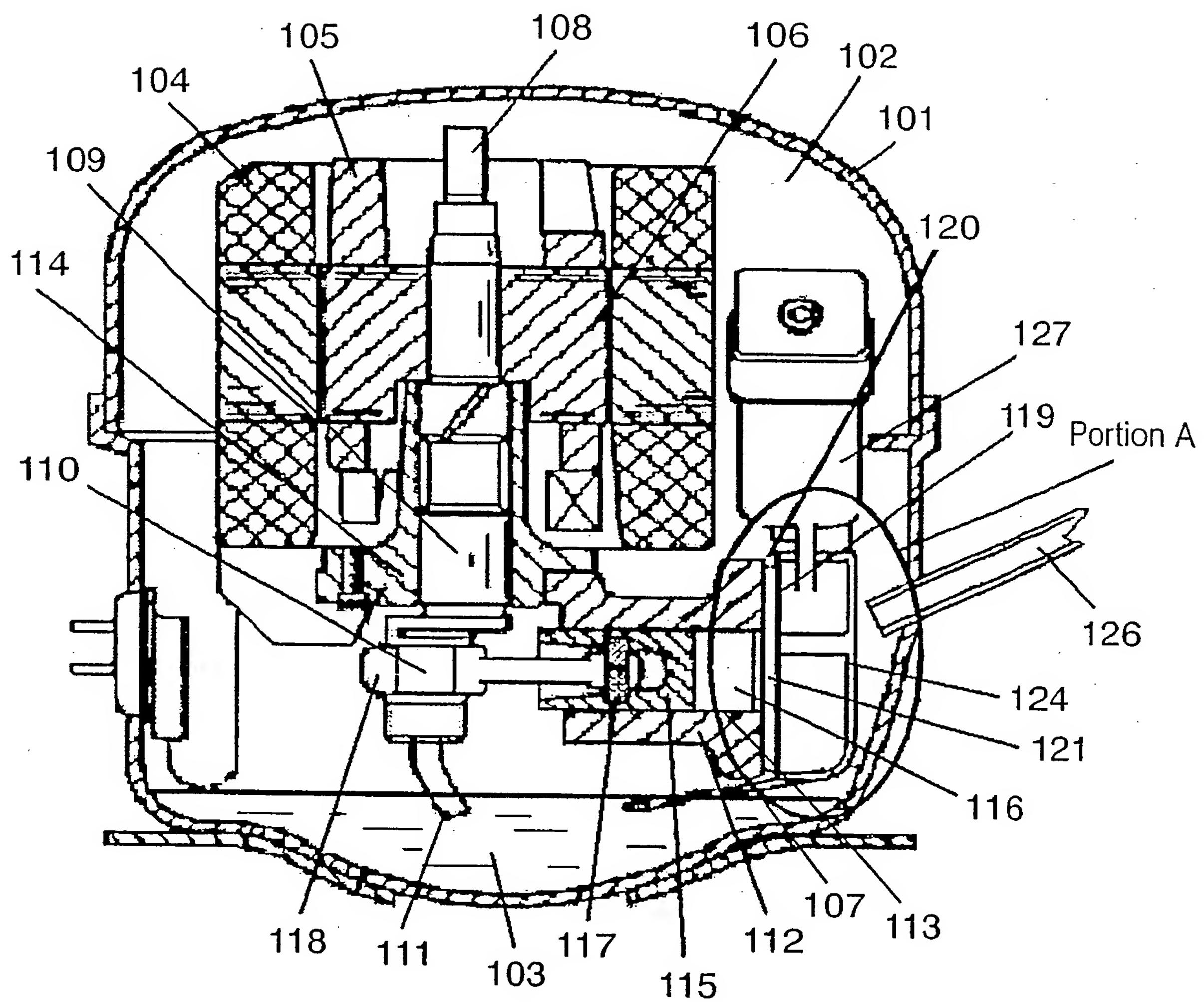


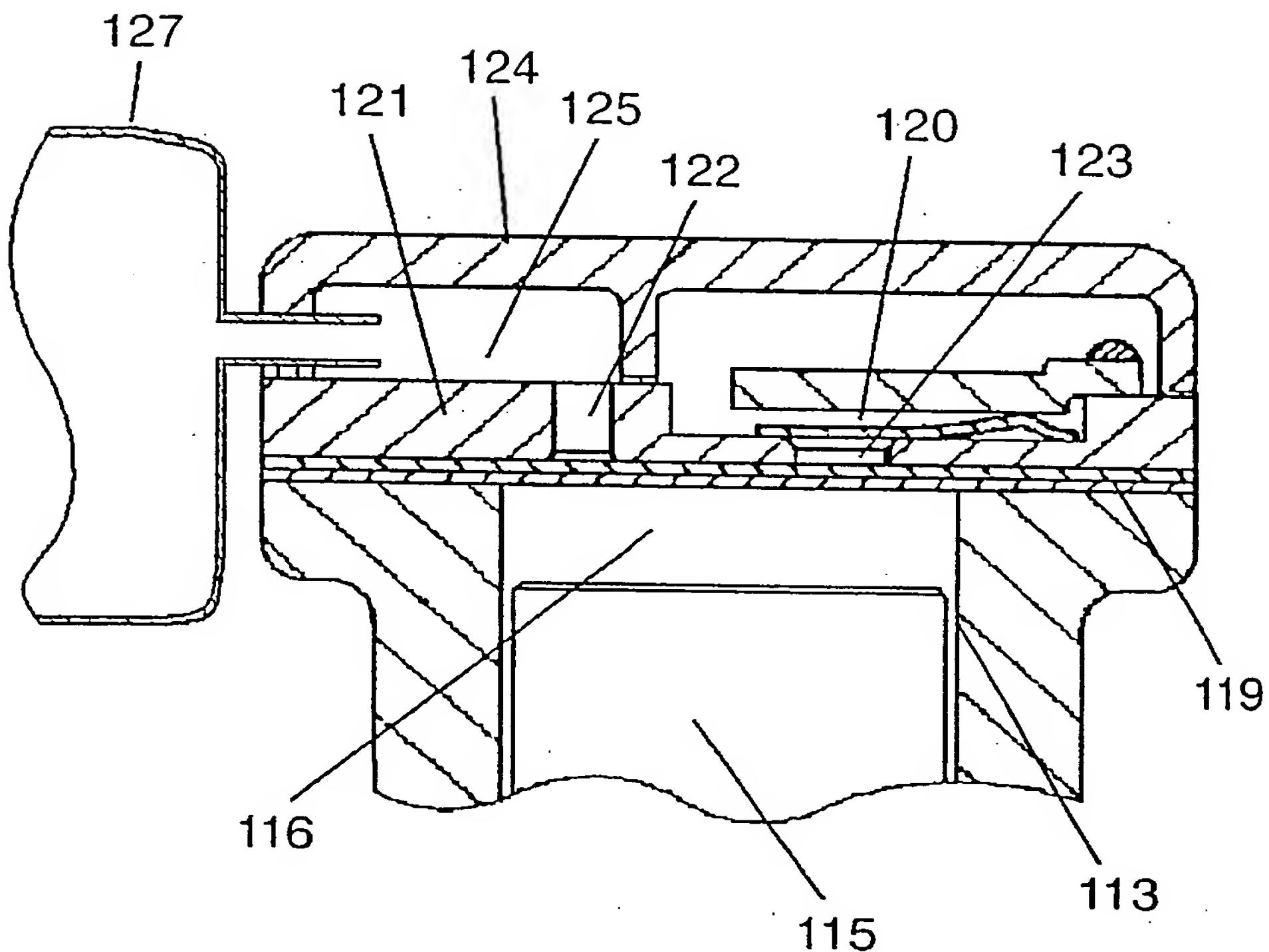
1/15

FIG. 1



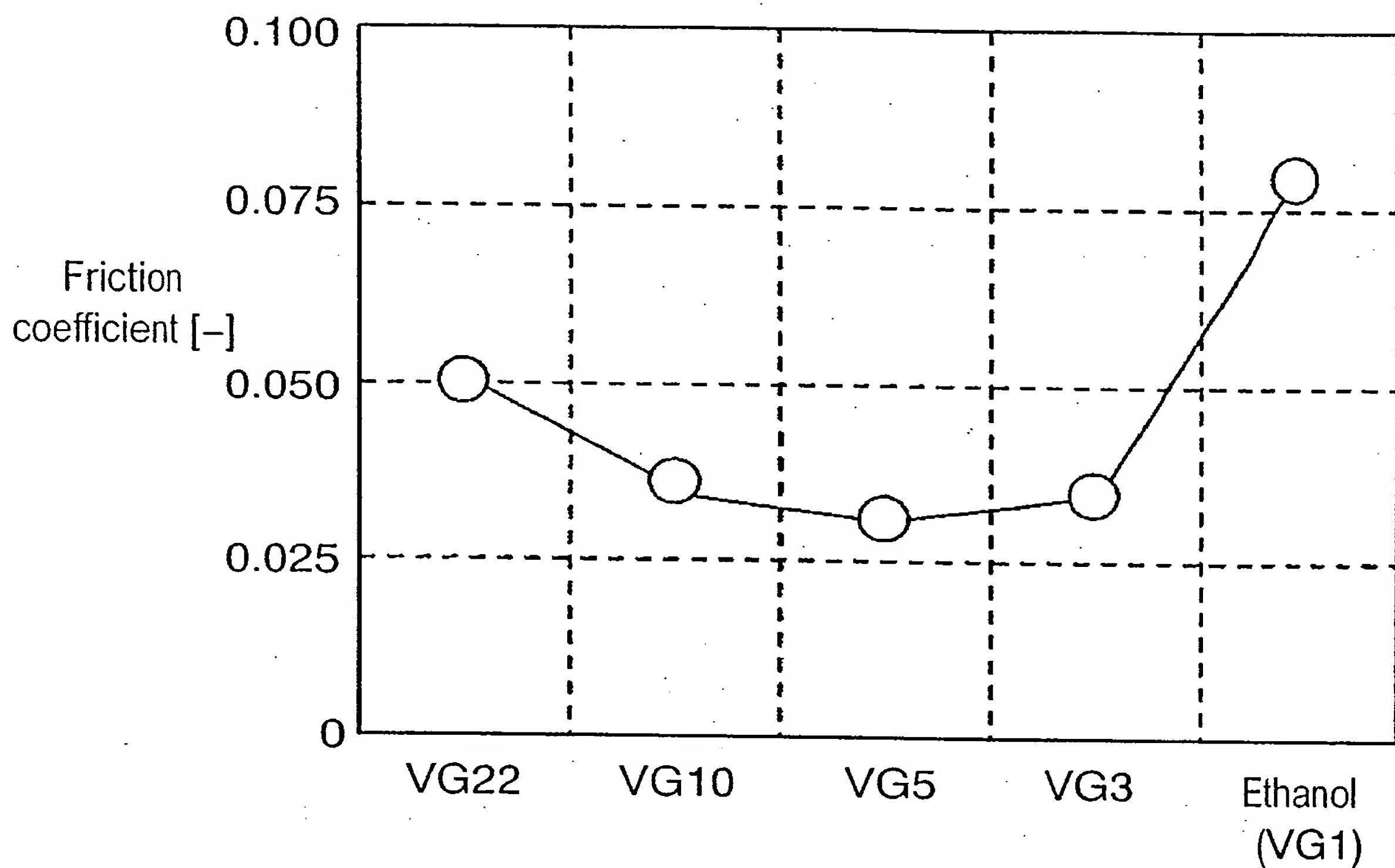
2/15

FIG. 2



3/15

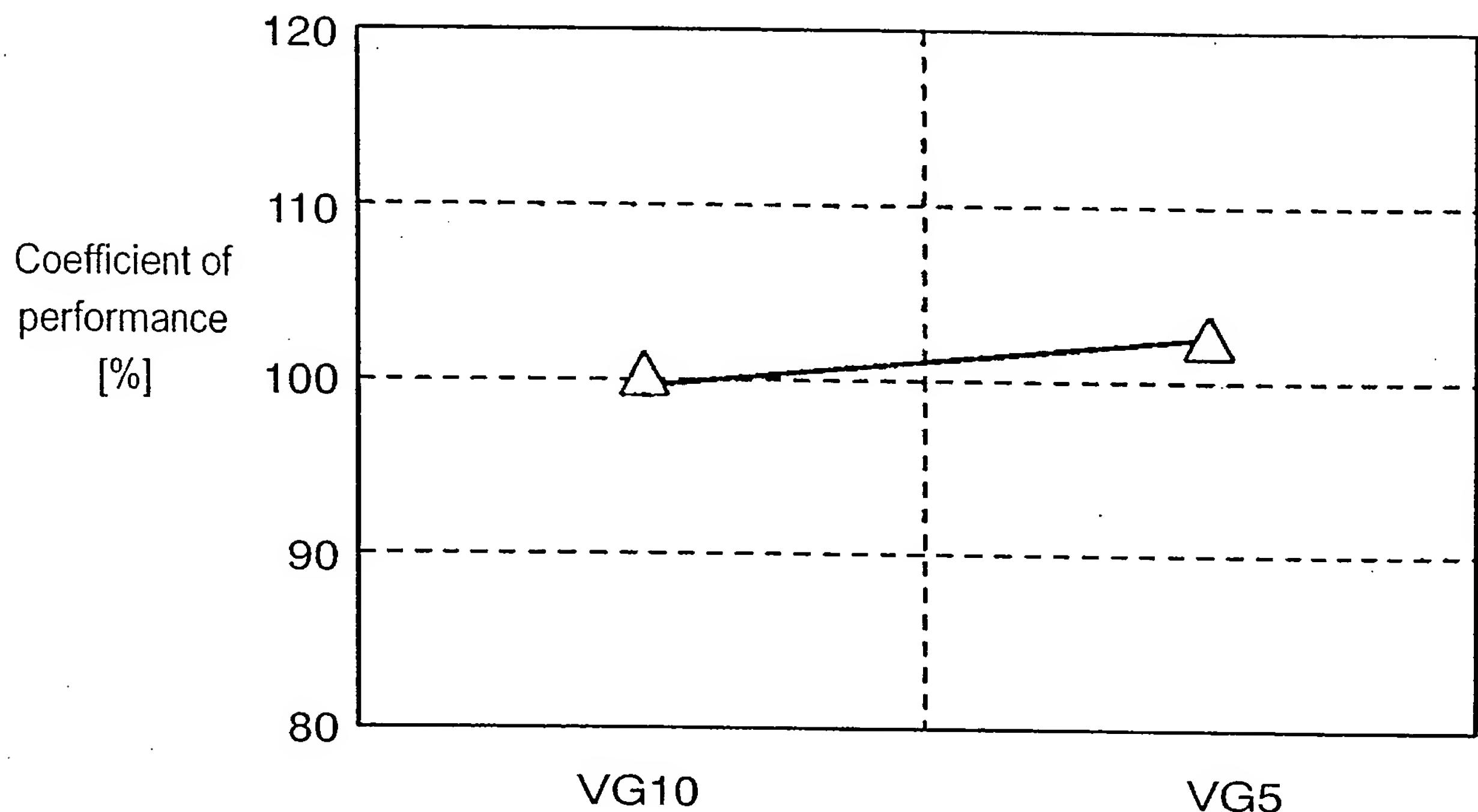
FIG. 3



Oil viscosity	VG22	VG10	VG8	VG3	(VG1)
Friction coefficient	0.050	0.035	0.030	0.033	0.079

4/15

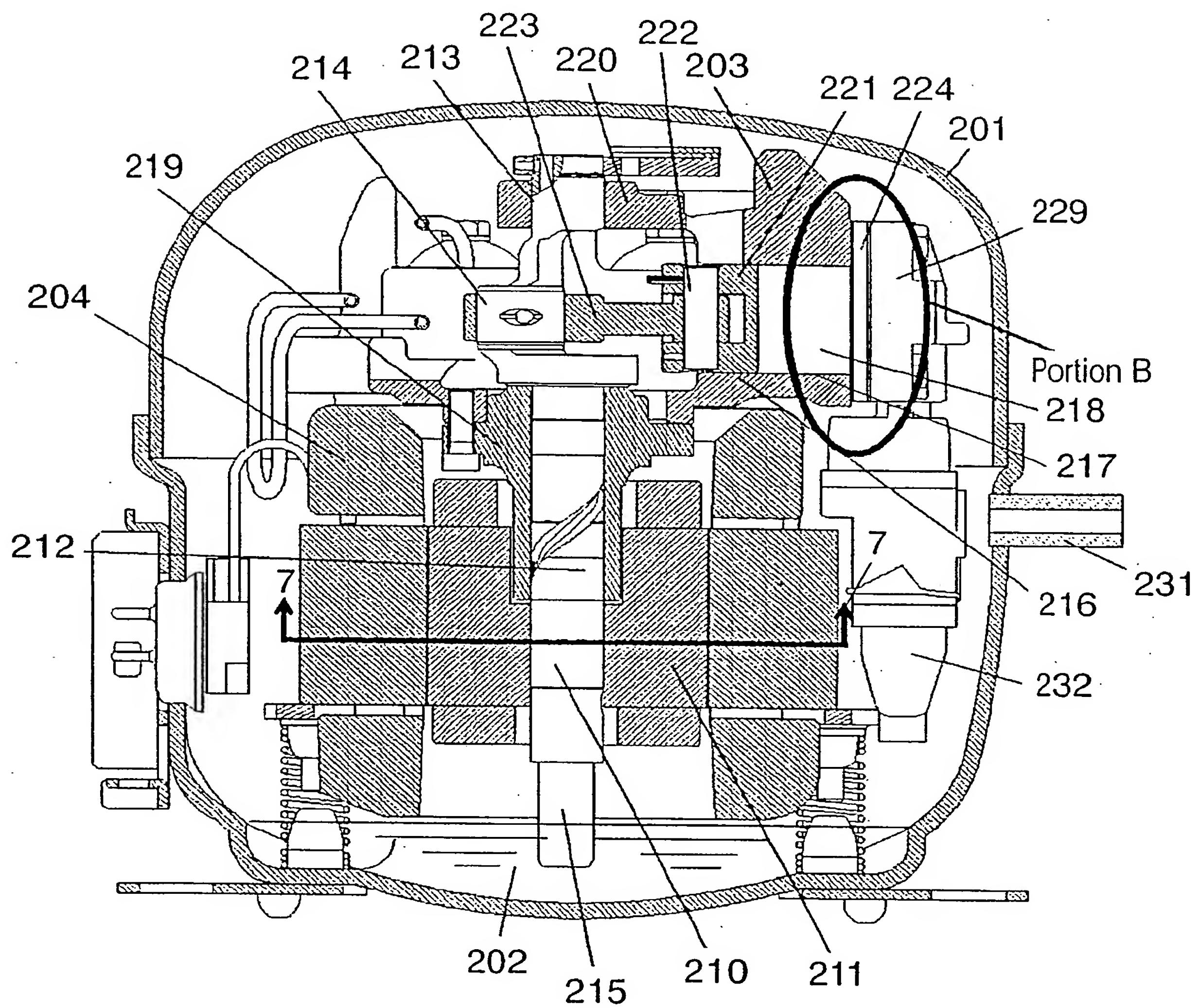
FIG. 4



Oil viscosity	VG10	VG5
Coefficient of performance [%]	100	103

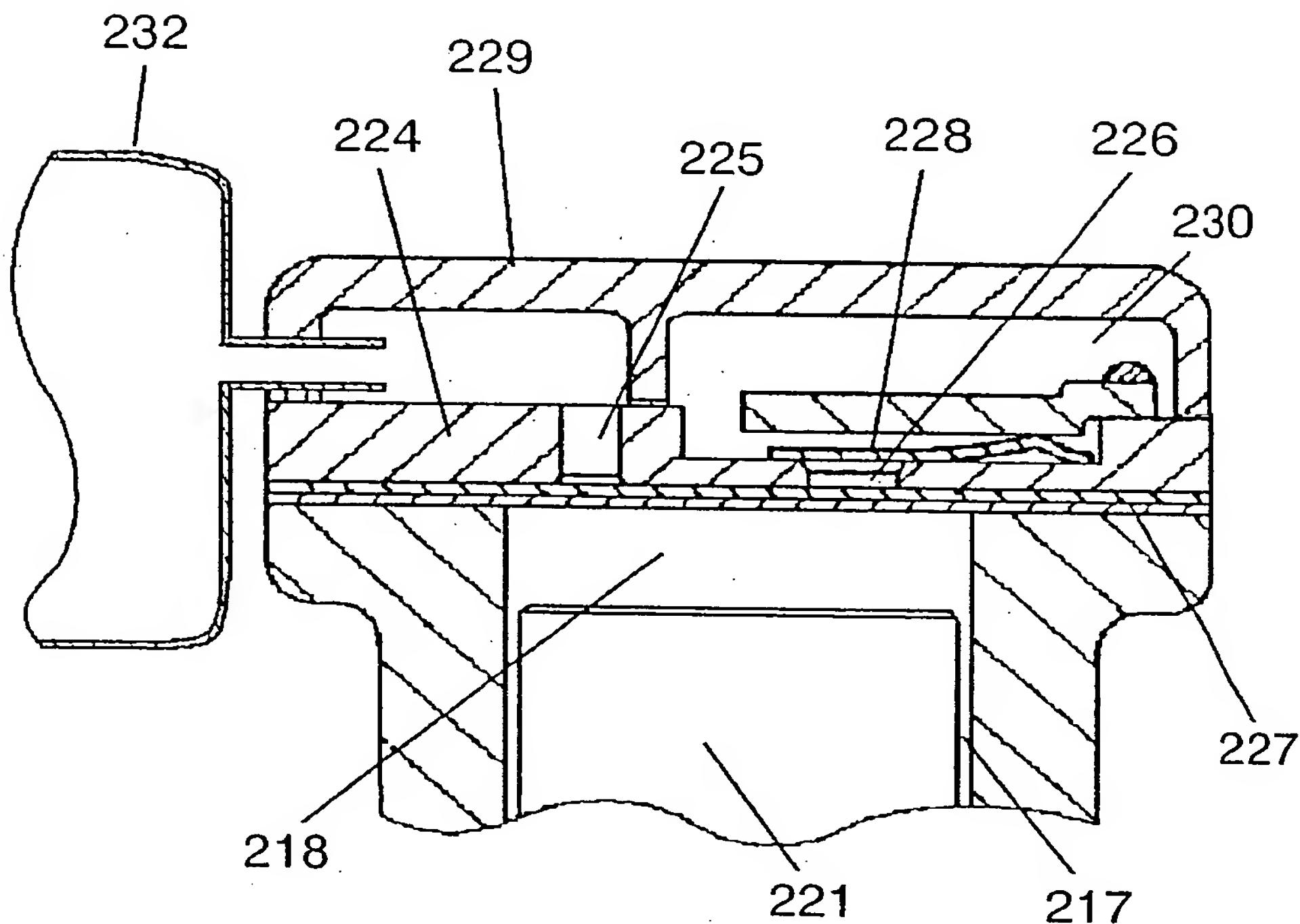
5/15

FIG. 5



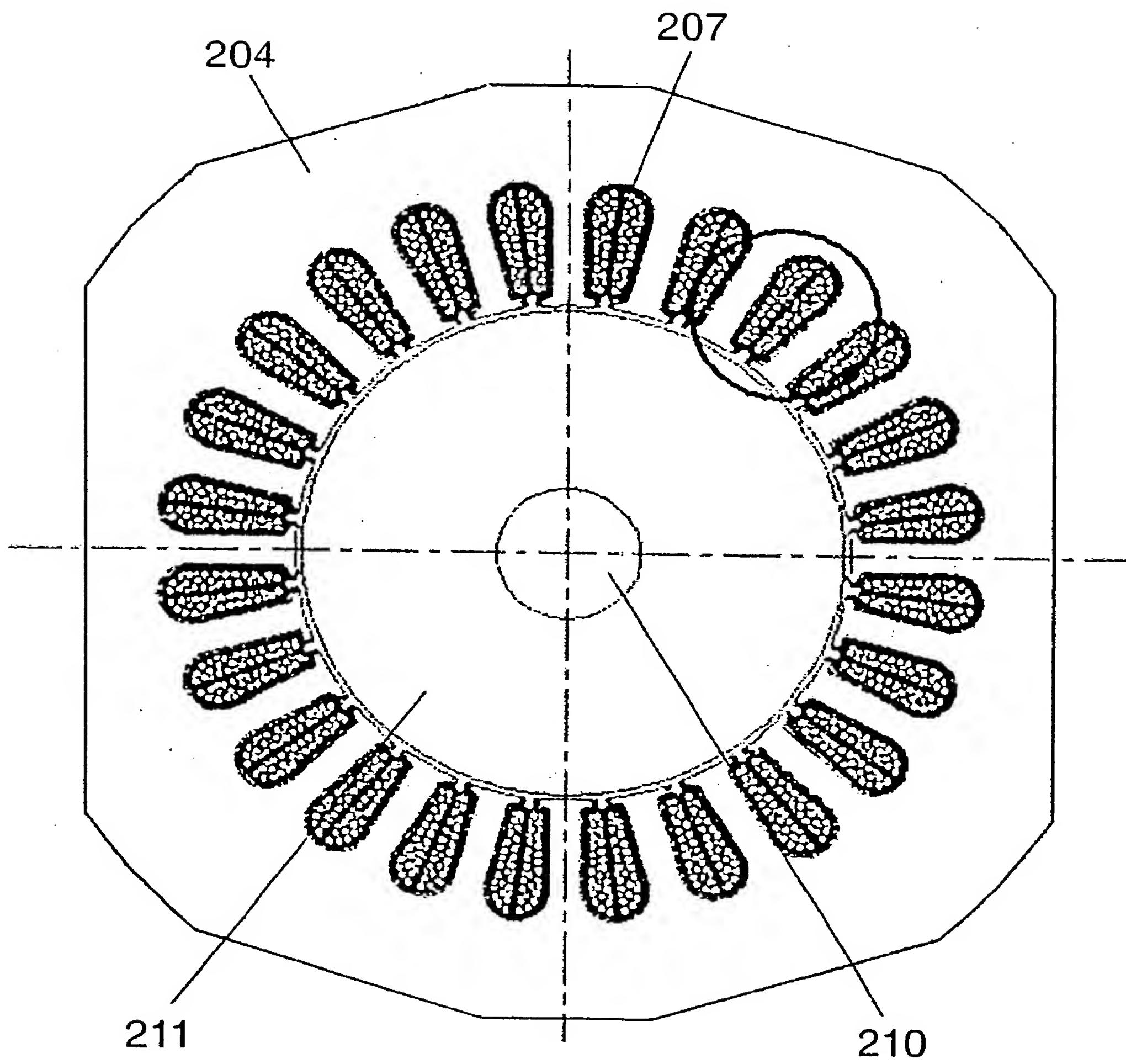
6/15

FIG. 6



7/15

FIG. 7



8/15

FIG. 8

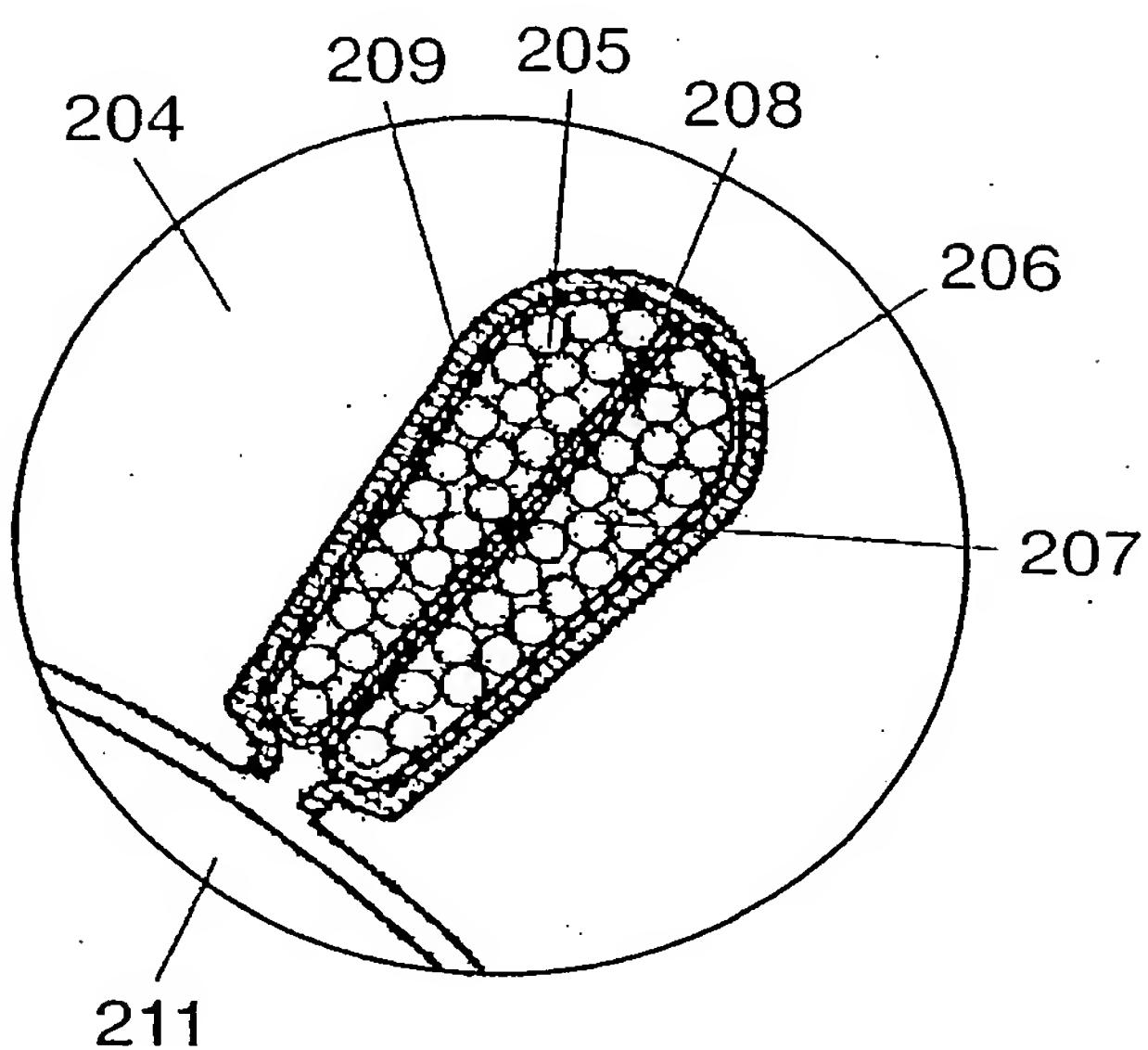
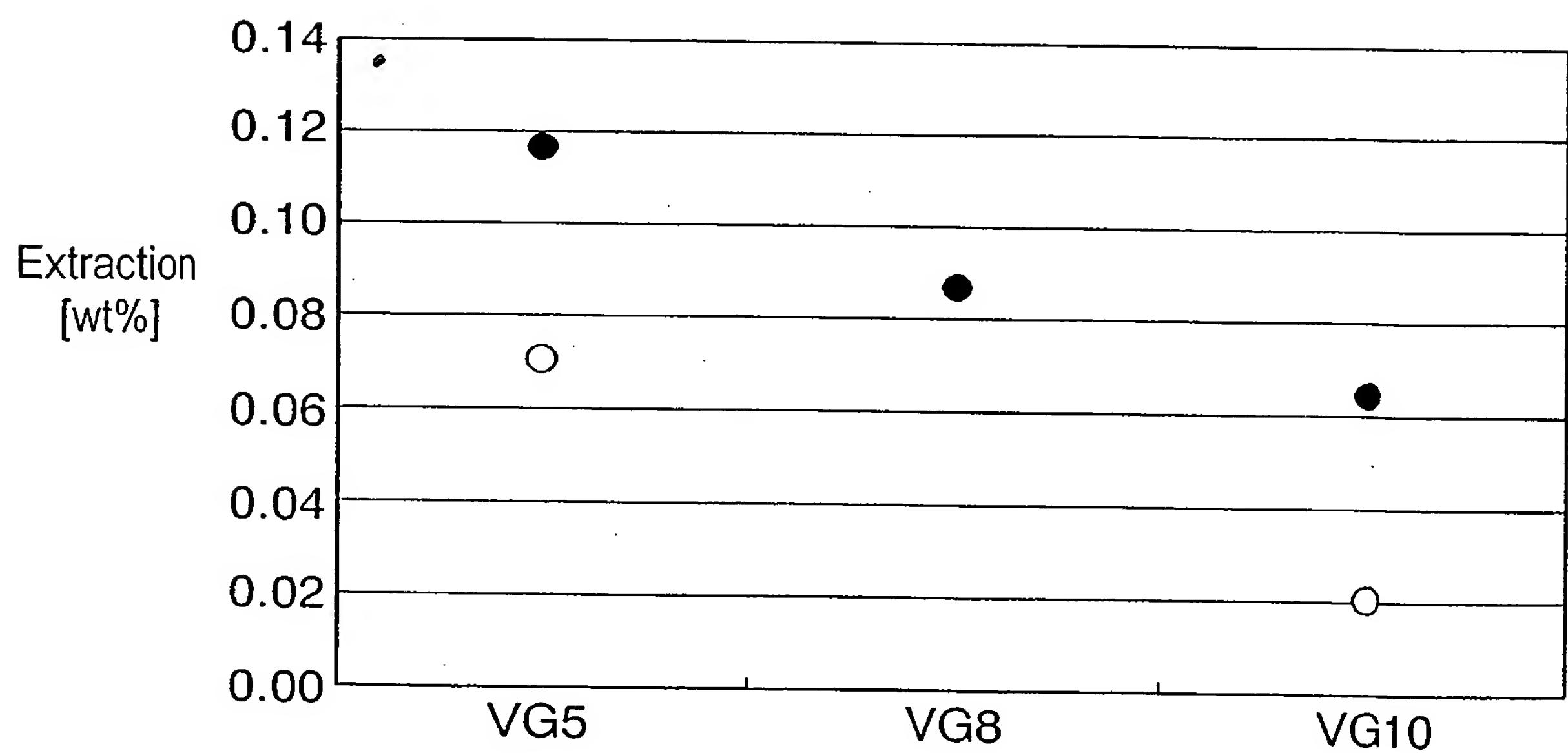
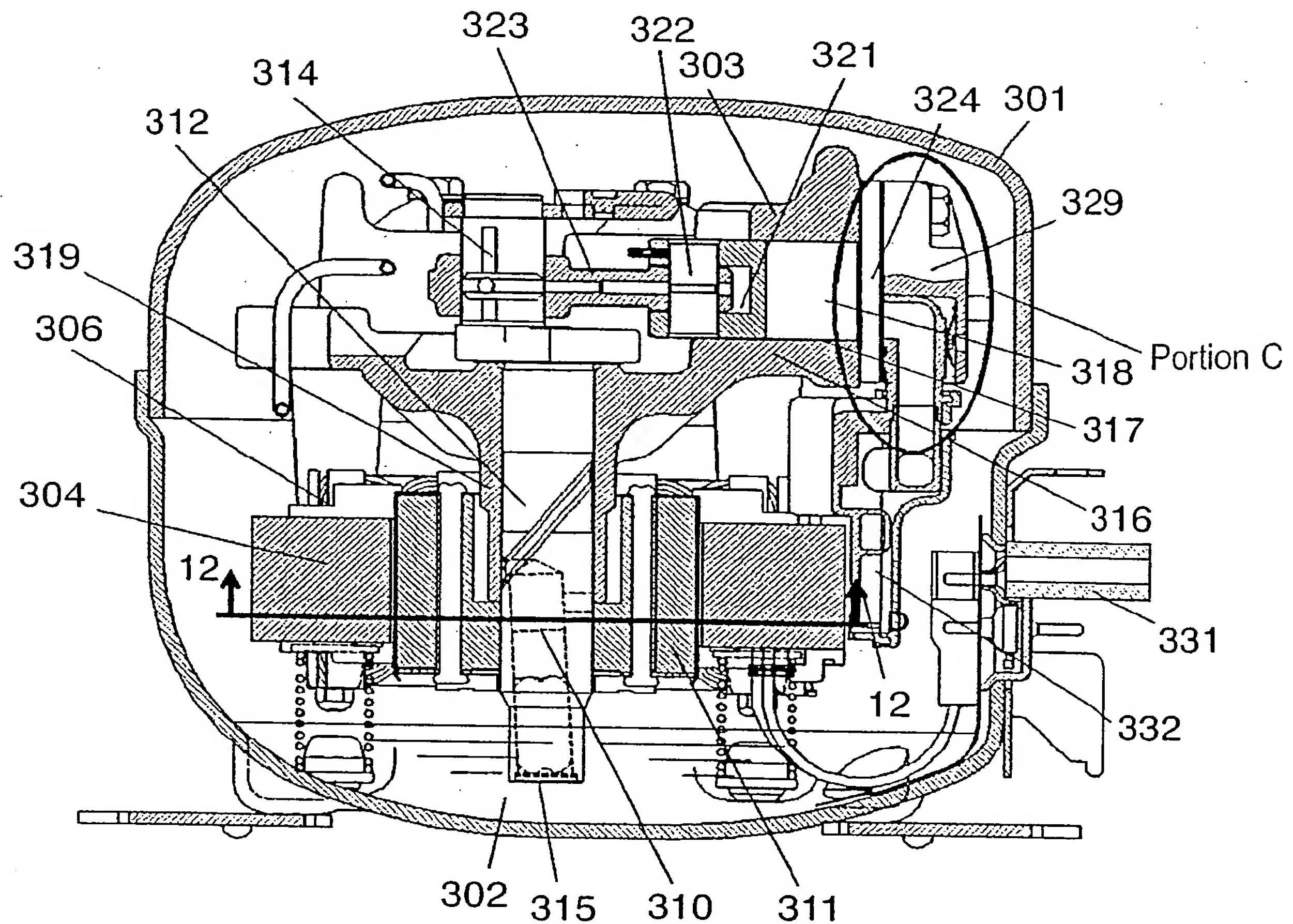


FIG. 9



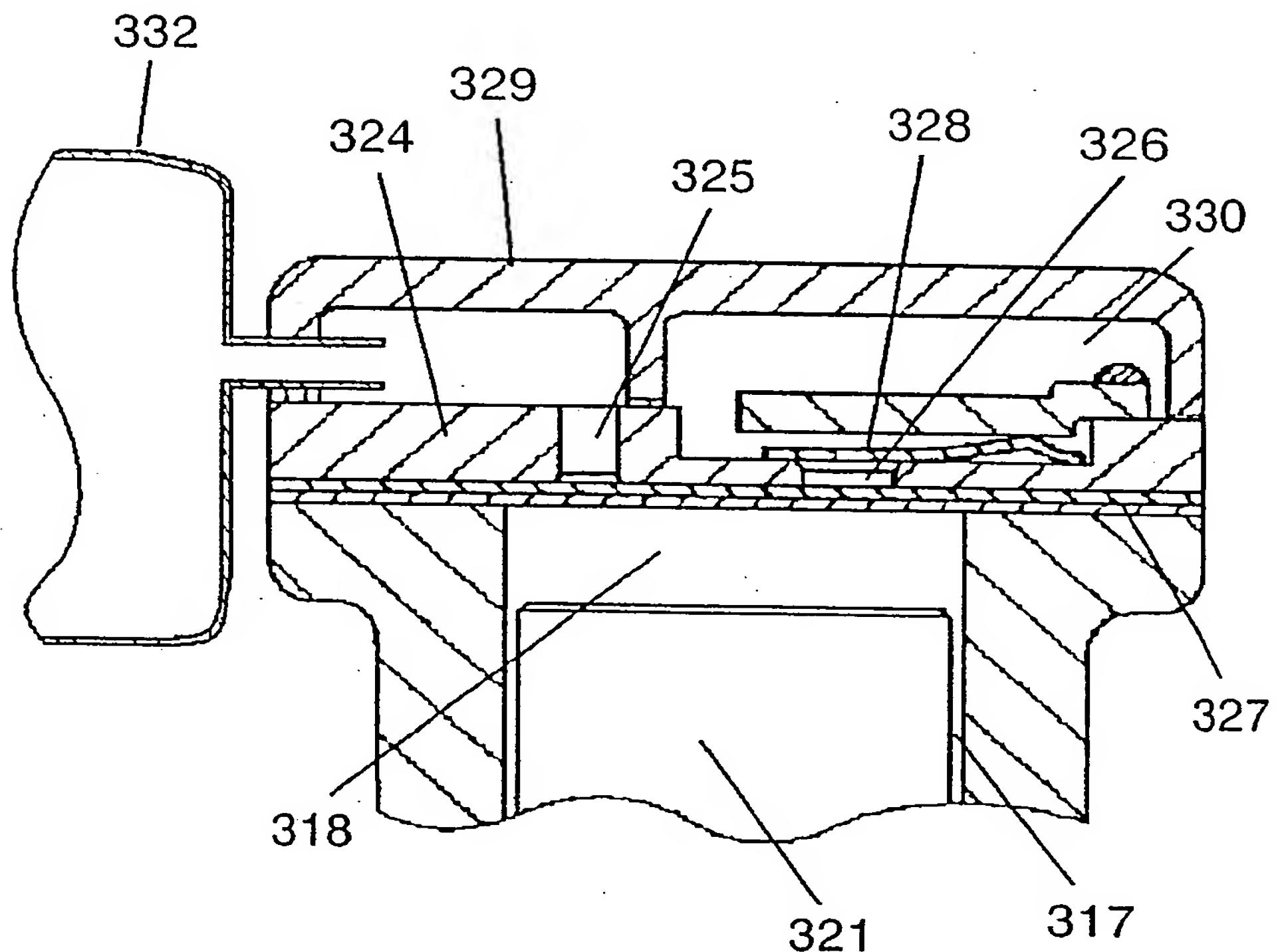
9/15

FIG. 10



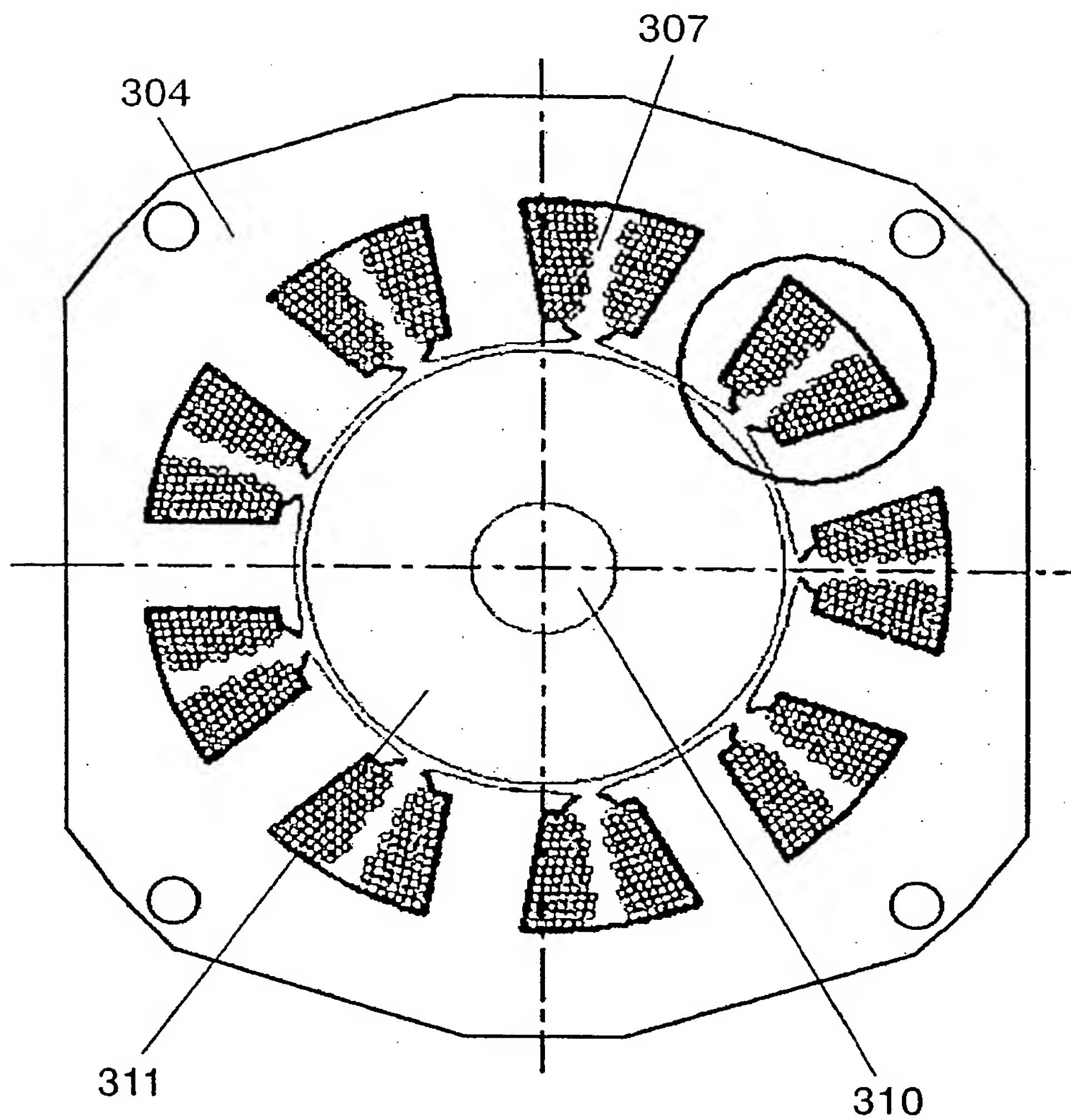
10/15

FIG. 11



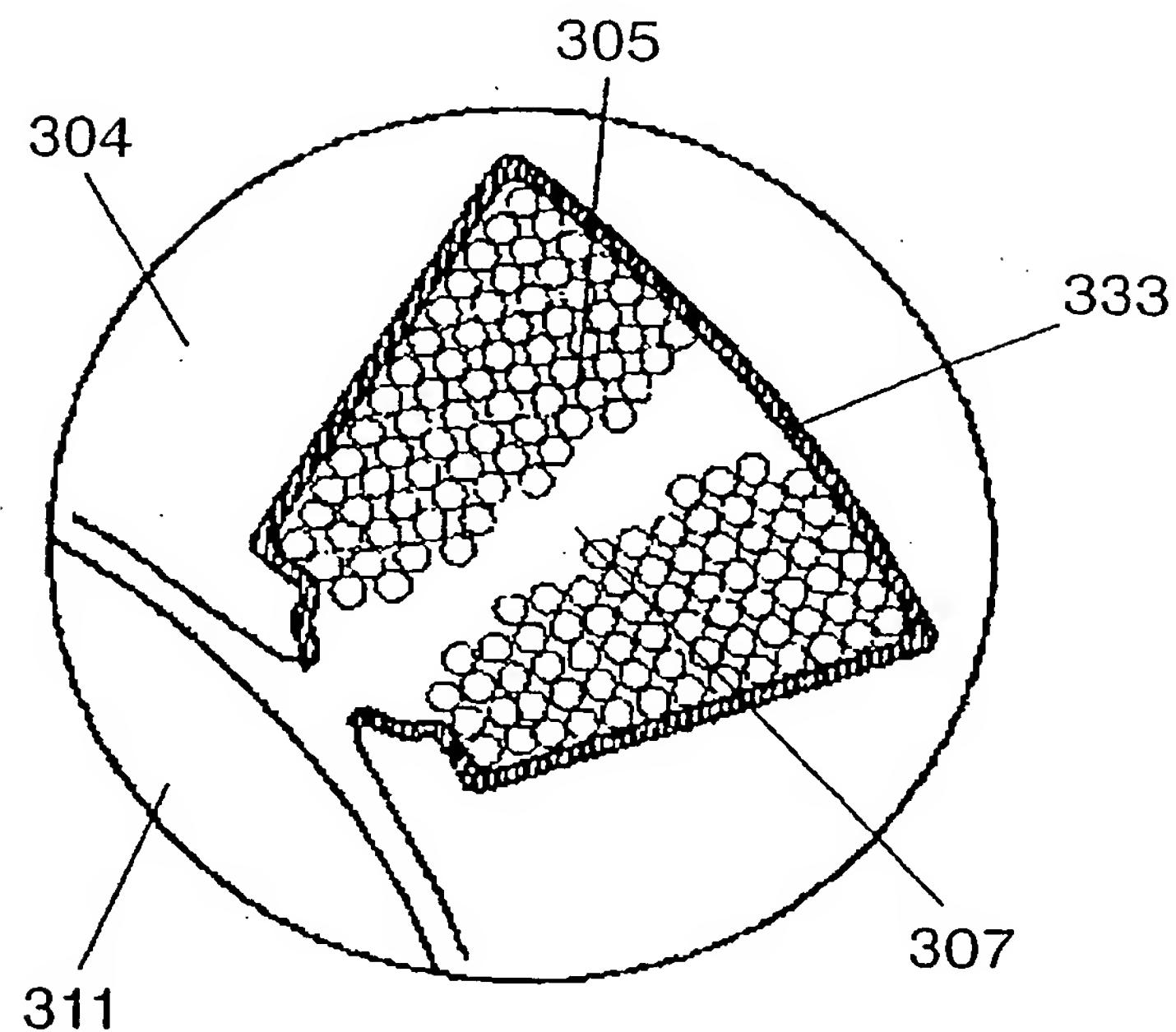
11/15

FIG. 12



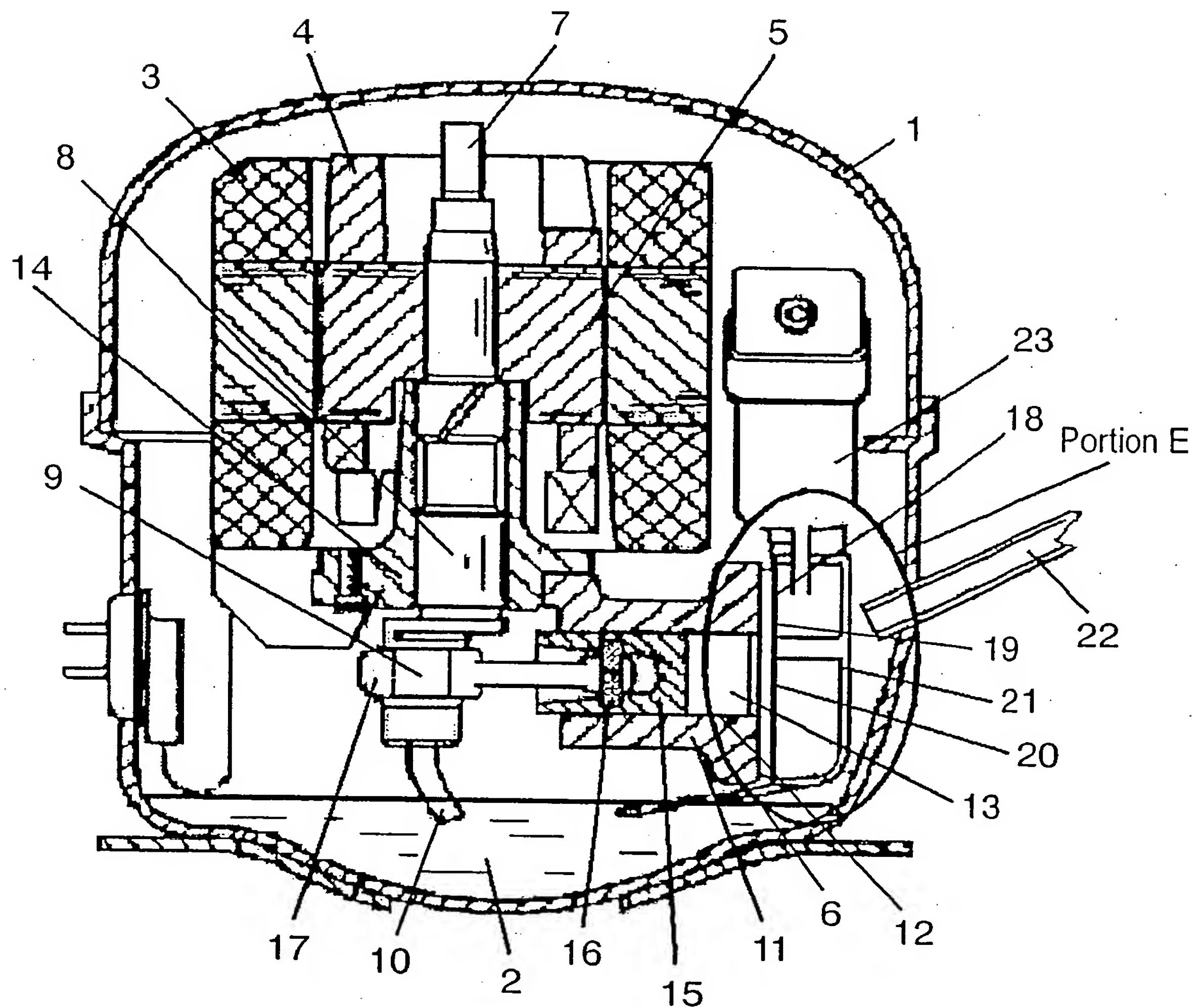
12/15

FIG. 13



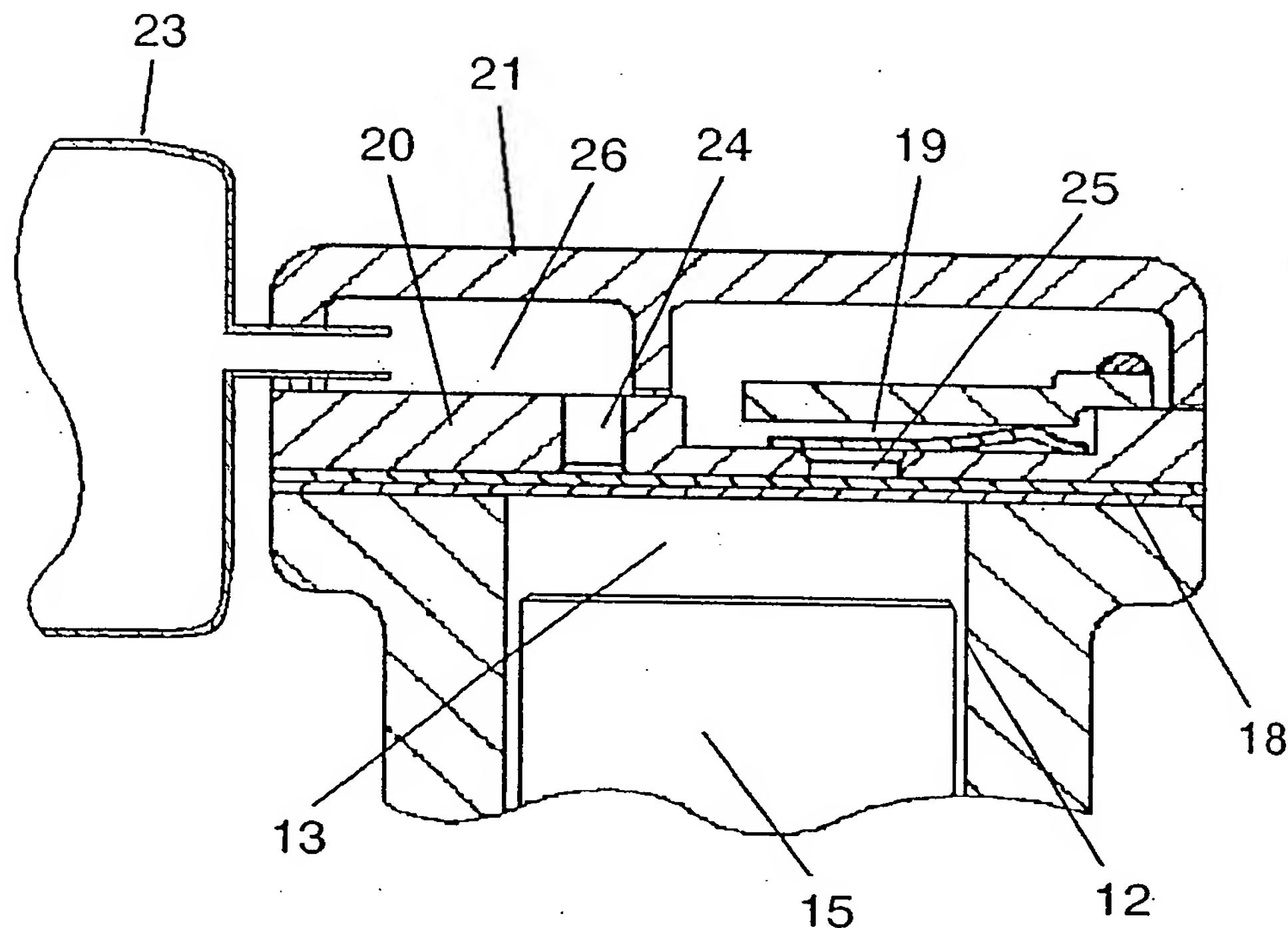
13/15

FIG. 14



14/15

FIG. 15



15/15

Reference numerals in the drawings

- 101, 201, 301 Hermetic container
- 102 Refrigerant gas
- 103, 202, 302 Oil
- 107, 203, 303 Compression mechanism
- 204, 304 Electric motor
- 208 Interlayer insulating paper
- 209 Slot insulating paper
- 210, 310 Crank shaft
- 216, 316 Cylinder block
- 221, 321 Piston
- 333 Insulator